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Quarterly Report – Public Page

Date of Report: September 30, 2007

Contract Number: DTPH56-07-T-000006

Prepared for: United States Department of Transportation
Pipeline and Hazardous Materials Safety Administration
Office of Pipeline Safety

Project Title: “Validation of Assessment Methods for Production Scale Girth Welding of High Strength Pipelines with Multiple Pipe Sources, #275”

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For quarterly period ending: September 30, 2007

Technical Status

1 Operational Trial

Construction of the X100 Operational Trial was completed by Advantica's Test Site, including successful completion of the hydrostatic test. The start of pressure cycling has been delayed by issues with the strain gauge data logging system which has proved technically challenging for the vendors due to the large distances. These problems have been resolved and pressure cycling has started. However, acceleration of the rate of pressure cycling would be required to recover the delay and maintain the Operational Trial schedules. This will be considered by the trial partners.

2 Identify Welds

Not started.

3 Develop Mechanical Test Plan

Not started.

4 Inspect Welds and Coatings

Not started.

5 Mechanical Testing

Not started.

6 Results Analysis

Not started.

7 Project Planning and Management

Subcontracts have been executed between Electricore and Advantica, Inc. for this project.

8 Project Reporting

The project kick-off meeting was held with OPS by webex on 10 September 2007. Subsequently further background information on the trial was provided to OPS.

Payable Milestones

The following payable milestones were completed during this reporting period:

- Welding and operational field trial (Item No. 1, Task No. 1)
- Project Planning and Management (Item No. 2, Task No. 7)
- First Quarterly Status Report (Item No. 3, Task No. 8)

Results and Conclusions

No results generated to date.

Plans for Future Activity

Continue pressure cycling of Operational Trial and other activity as per project plan.

Advantica will begin the review of records associated with the Operational Field Trial to identify welds of interest for the project.